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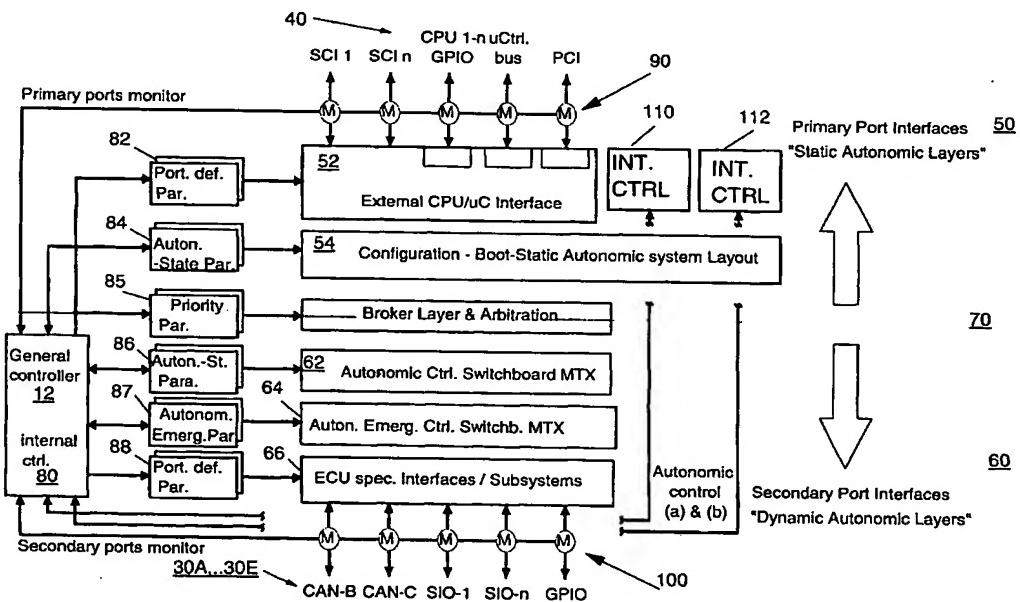
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(54) Title: TCET EXPANDER



(57) Abstract: The present invention relates to the field of embedded processing systems and electronic control units (ECUs) and to autonomic embedded computing solutions. The present invention proposes to remove or extract the application-specific support functions and respective I/O subsystems from the main processors or controllers of the system, to include said extracted circuits into a respective number of ASIC chips or the like, and to connect them preferably via a supervising General Controller Unit (40), which have the task to supply the ASIC and the multiple functions thereof with enough computing power.

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